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**From:** Adair, Jillian [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=31271D1C6F7648DC8418C8FF305499B4-ADAIR, JILL]  
**Sent:** 3/5/2019 3:34:35 PM  
**To:** McCauley, Margaret [McCauley.Margaret@epa.gov]  
**Subject:** RE: Trash Control in R10

Thank you for the information! It sounds like DC is paving the way for structural designs in heavy rain environments.

*Jillian Adair*

TMDL/303d/WQS/Data Management Coordinator  
Office of Standards, Assessments, and TMDLs  
Water Protection Division  
U.S. Environmental Protection Agency, Region 3  
Phone: (215) 814-5713  
Email: Adair.Jillian@epa.gov

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**From:** McCauley, Margaret  
**Sent:** Tuesday, February 19, 2019 7:17 PM  
**To:** Adair, Jillian <adair.jillian@epa.gov>  
**Subject:** RE: Trash Control in R10

WA says that in their next MS4 permit (eta July 2019) they have an education and outreach option for behavior change around litter. Next week municipalities are gathering to talk about what sort of data to collect under the next permit, and physical designs to prevent litter at outfalls is on the draft list.

It is not perfect, but WA has much better social science designs around testing behavior change than most public agencies I have worked with. They actually do test groups, controls, measurement etc. Their Don't Drip and Drive campaign has a really impressive backstory on how they figured out what did and did not work.

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**From:** McCauley, Margaret  
**Sent:** Monday, February 04, 2019 10:22 AM  
**To:** Adair, Jillian <adair.jillian@epa.gov>  
**Subject:** RE: Trash Control in R10

OR says they have nothing relevant.

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**From:** Adair, Jillian  
**Sent:** Monday, February 04, 2019 4:55 AM  
**To:** McCauley, Margaret <McCauley.Margaret@epa.gov>; Fullagar, Jill <Fullagar.Jill@epa.gov>  
**Subject:** RE: Trash Control in R10

Thanks so much, Margaret and Jill. Great, hopefully WA or OR has some good news for us. I'm surprised that Seattle hasn't made headlines on that front. I suppose California may be the only one in the trash game as of yet.

*Jillian Adair*

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**From:** McCauley, Margaret  
**Sent:** Friday, February 01, 2019 4:40 PM  
**To:** Fullagar, Jill <[Fullagar.Jill@epa.gov](mailto:Fullagar.Jill@epa.gov)>; Adair, Jillian <[adair.jillian@epa.gov](mailto:adair.jillian@epa.gov)>  
**Subject:** RE: Trash Control in R10

I agree that I am the most likely person to know, but as Jill describes, we do not have much in the way of trash specifics here except for the bears in Alaska. That is something I am pushing on, but so far no movement. I am checking with state people in WA & OR to see if they have more relevant examples and will let you know.

**Margaret McCauley, PE** | EPA Region 10 | Office of Water & Watersheds | NPDES Permits Unit  
direct: 206-553-1772 | <https://www.epa.gov/npdes-permits/npdes-stormwater-program-region-10>  
[mccauley.margaret@epa.gov](mailto:mccauley.margaret@epa.gov)

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**From:** Fullagar, Jill  
**Sent:** Thursday, January 31, 2019 10:22 AM  
**To:** Adair, Jillian <[adair.jillian@epa.gov](mailto:adair.jillian@epa.gov)>; McCauley, Margaret <[McCauley.Margaret@epa.gov](mailto:McCauley.Margaret@epa.gov)>  
**Subject:** RE: Trash Control in R10

Hi Jillian,

I've included Margaret McCauley on this email, as she is our Trash Free Waters guru. She is also currently in the permits unit and works on stormwater, so I think she can either help on the MS4 front or point you in the right directions. Jayne Carlin has also worked on a couple trash TMDLs in Alaska, but they were mostly related to things like bears getting into trash cans and having a buffet in the river, so not stormwater related. Jayne is out until Feb 8, but if you want to take a look at the AK TMDLs, let me know and I can get them for you. They are pretty meager on language and details, though. I think Margaret is your better bet.

Hope that helps. If you need anything else, just give a shout!

jill

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**From:** Adair, Jillian  
**Sent:** Thursday, January 31, 2019 6:02 AM  
**To:** Fullagar, Jill <[Fullagar.Jill@epa.gov](mailto:Fullagar.Jill@epa.gov)>  
**Subject:** Trash Control in R10

Hi Jill,

I am honestly not sure who to reach out to about this. I'm hoping that I get lucky and you can point me in the right direction!

I'm working on a revised trash TMDL in the Anacostia River watershed in DC and MD. I'm trying to research structural trash control options for the MS4 communities, but I am not sure where to start. Although California is doing A TON in their MS4s, they don't have nearly the amount of rainfall and debris that we're used to here on the East Coast. Seeing as though Seattle is known for being a "green" and very rainy city, I'm hoping to steal a page from their playbook and learn about their trash control strategies. Do you happen to know who I can talk to about this?

Thank you SO, SO much for entertaining my random request.

*Jillian Adair*

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